

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| L1 | 0 | (pixel same (wiring near layer) same (photodiode photo\$1diode) same aperture) and @ad<"20031218" | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 03:32 |
| L2 | 23 | (pixel same (wiring near layer) same (photodiode photo\$1diode)) and @ad<"20031218" | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 03:32 |
| L4 | 98824 | ("photosensor" Photo\$1sensor "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" CCD (solid near state near imag\$3)) and substrate | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 04:11 |
| L5 | 4 | L4 and ((light near transmitt\$3) with (BPSG)) and @ad<"20031218" | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 04:11 |
| L6 | 1180 | 257/291.xls. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 05:08 |
| L7 | 822 | l6 and l4 | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 05:08 |
| L8 | 2115 | 257/432.xls. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 05:08 |

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|-----|-----|--|---|----|-----|---------------------|
| I9 | 721 | I8 and I4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 05:09 |
| S1 | 6 | ("20030168679" "20060102827" "4994664").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/10 16:19 |
| S2 | 1 | "10576273" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/10 16:22 |
| S3 | 1 | "10576273" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/08 03:41 |
| S4 | 2 | ("20050110104").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/23 14:55 |
| S5 | 0 | jp-2000039503 5-251673 | JPO; DERWENT | OR | OFF | 2009/03/23 18:00 |
| S6 | 2 | jp-2000039503-\$ 5-251673 | JPO; DERWENT | OR | OFF | 2009/03/23 18:00 |
| S7 | 2 | jp-2000039503-\$ | JPO; DERWENT | OR | OFF | 2009/03/23 18:00 |
| S8 | 4 | jp-2000039503-\$ jp-05251673-\$ | JPO; DERWENT | OR | OFF | 2009/03/23 18:01 |
| S9 | 12 | (Toshiaki near2 Kimiaki).in. and matsushita.asn. | JPO; DERWENT | OR | OFF | 2009/03/23 19:23 |
| S10 | 44 | ("3746454" "4410804" "4644148" "4649351" "4708436" "4878735").PN. OR ("4994664").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/29 14:56 |
| S11 | 3 | ("20050161589" "4994664" "6100525").PN. OR ("7329871").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/03/29 14:58 |
| S12 | 0 | ("jp-2001-108812\$").PN. | JPO; DERWENT | OR | OFF | 2009/03/29 22:12 |

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|-----|-------|---|---|----|-----|---------------------|
| S13 | 0 | ("jp-2001-108812"),PN. | JPO; DERWENT | OR | OFF | 2009/03/29 22:13 |
| S14 | 0 | ("jp2001108812"),PN. | JPO; DERWENT | OR | OFF | 2009/03/29 22:13 |
| S15 | 3 | ("2001108812"),PN. | JPO; DERWENT | OR | OFF | 2009/03/29 22:13 |
| S16 | 0 | ("photosensor" "Photo\$1sensor" "lightdetector" "lightsensor" "imagesensor" "chargecoupleDevice" "CCD (solidnearstatenearimag\$3)").PN. | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/29 23:40 |
| S17 | 98824 | ("photosensor" "Photo\$1sensor" "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" "CCD (solid near state near imag\$3)) and substrate | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/29 23:41 |
| S18 | 128 | (light near transmit\$4 near (film layer)) with (("TiO.sub.2" or "ZrO.sub.2" or "Nb.sub.2O.sub.5" or "Ta.sub.2O.sub.5" or "Si.sub.3N.sub.4" or "Si.sub.2N.sub.3") or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride")) | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 23:47 |
| S19 | 27 | S17 and S18 | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 23:48 |
| S20 | 6 | S19 and @ad<"20031218" | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 23:49 |
| S21 | 234 | (light near transmit\$4 near (film layer)) same (("TiO.sub.2" or "ZrO.sub.2" or "Nb.sub.2O.sub.5" or "Ta.sub.2O.sub.5" or "Si.sub.3N.sub.4" or "Si.sub.2N.sub.3") or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride")) | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 23:52 |
| S22 | 55 | S17 and S21 | US-PGPUB; USPAT; USCOP; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/29 23:53 |

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|-----|--------|---|---|----|-----|---------------------|
| S23 | 15 | S22 and @ad<"20031218" | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/29 23:53 |
| S24 | 407112 | ("photosensor" Photo\$1sensor "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" CCD (solid near state near imag\$3)) | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2009/03/29 23:55 |
| S25 | 13265 | (light near4 (film layer)) same (("TiO.sub.2" or "ZrO.sub.2" or "Nb.sub.2O.sub.5" or "Ta.sub.2O.sub.5" or "Si.sub.3N.sub.4" or "Si.sub.2N.sub.3") or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride")) | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/29 23:56 |
| S26 | 1764 | S24 and S25 | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/29 23:57 |
| S27 | 36 | S26 and (pixel near2 array) and (unit near2 pixel) | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/29 23:58 |
| S28 | 11 | S27 and @ad<"20031218" | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/29 23:59 |
| S29 | 4 | S28 and ((red green blue) with pixel) | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:01 |
| S30 | 1100 | S17 and (pixel near2 array) and (unit near2 pixel) | US-PGPUB; USPAT; USCOOR: FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:12 |

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| S1 | 726 | S30 and (photodiode Photo\$1diode Photodetector photo\$1detector) | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:13 |
| S2 | 177 | S31 and ((red green blue) with pixel) | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:13 |
| S3 | 41 | S32 and @ad< '20031218' | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:13 |
| S4 | 0 | "1010434109" | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:50 |
| S5 | 0 | "10434109" | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:51 |
| S6 | 2 | "6734031".pn. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/30 00:51 |
| S7 | 2 | ("20030215967").PN. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2009/03/30 00:52 |

3/30/2009 5:20:27 AM

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